FIG. 1A PRIOR ART

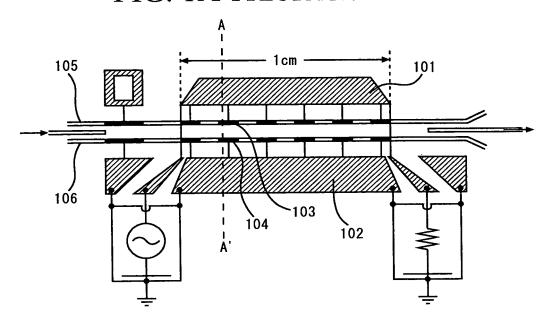


FIG. 1B PRIOR ART

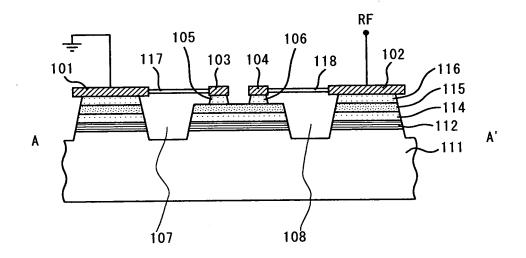


FIG. 2A

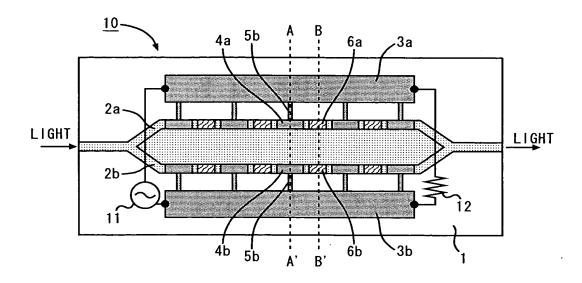


FIG. 2B

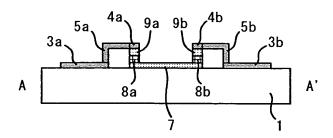


FIG. 2C

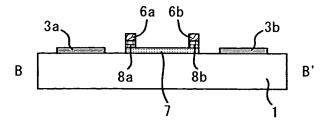
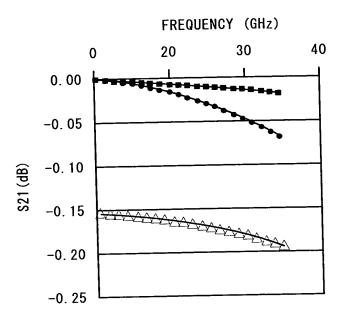


FIG. 3



- --- PRIOR ART 1
 :WHERE AN UNIFORM UNDOPED
 LAYER IS EMPLOYED AS UPPER
 CLADDING LAYER
- PRIOR ART 2
 WHERE AN UNIFORM CONDUCTIVE
 LAYER IS EMPLOYED AS UPPER
 CLADDING LAYER
- -- 1ST EMBODIMENT
 WHERE AN ELECTRICALLY
 SEGMENTED CONDUCTIVE LAYER
 IS EMPLOYED AS UPPER
 CLADDING LAYER

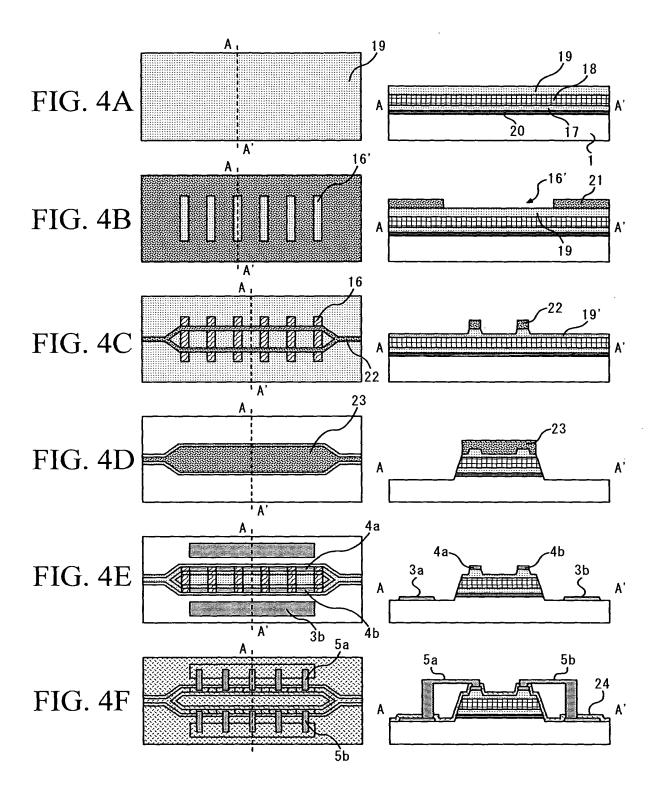


FIG. 5A

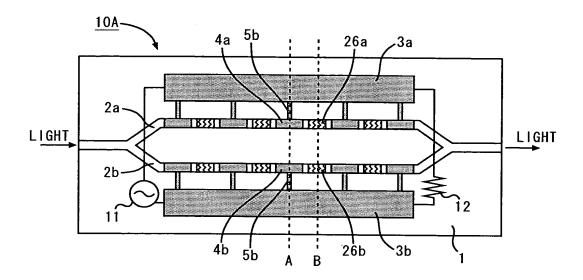


FIG. 5B

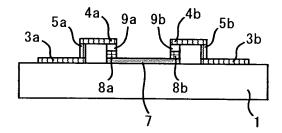


FIG. 5C

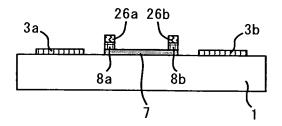


FIG. 6A

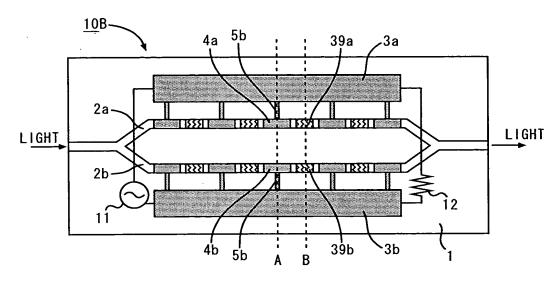


FIG. 6B

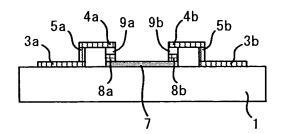


FIG. 6C

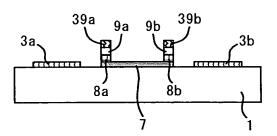


FIG. 7A

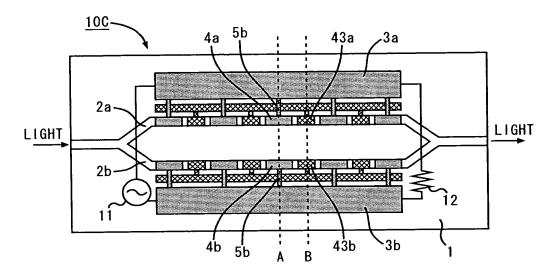


FIG. 7B

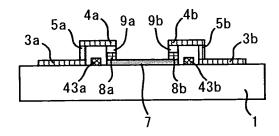


FIG. 7C

